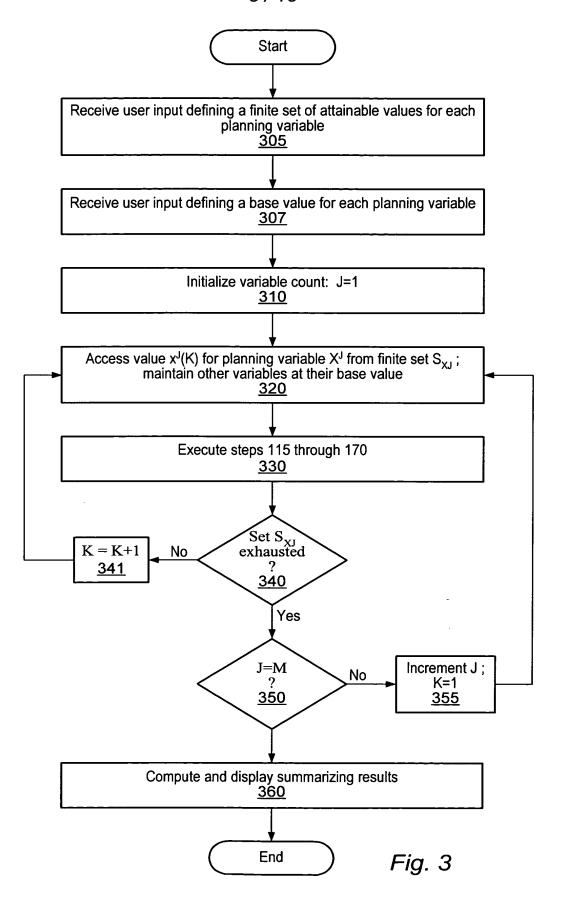


Fig. 2



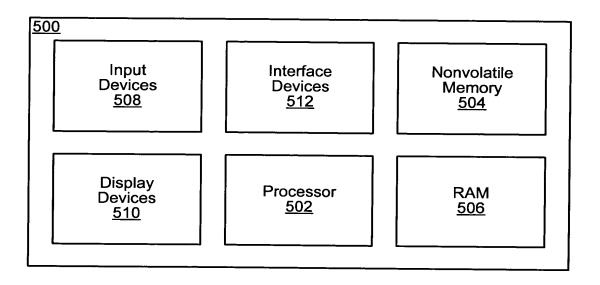


Fig. 4

X	Г			 	 _	_	 	 ]	
	Γ								Heb.:
	Notes		Probable?						
	#Wells		9						
	# Facilities		-						
	Production Start	Dependency						<b>Q</b>	
	Estimated	Production Start	28 August 04					dit Delete	
	Estimated	End	19 Jul 04					View/Edit	
<i>r</i> adier	Start	Dependency							:
Schedule Mar	Estimated	Start	27 Oct 03						
C Fast Track - Pre-Production Schedule Manager	Name		Tamco Workgroup						
C Fast Tre	Schedule	##	-						

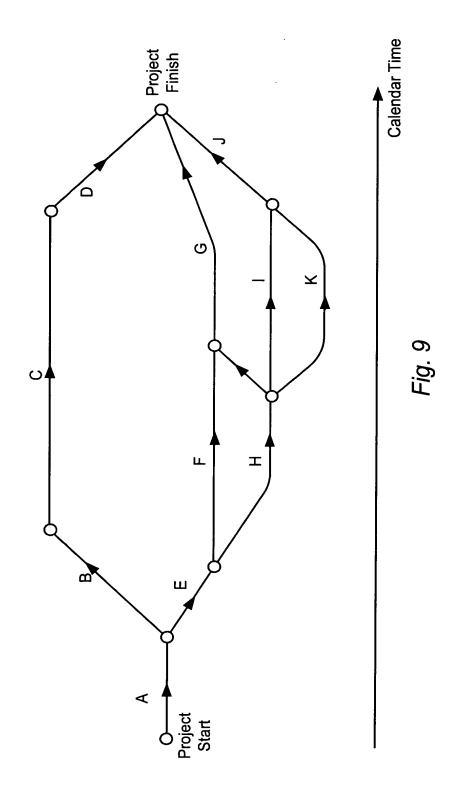
Fig. 5

Complete	C: Fast Track Pre-Production Sche	tion Schedule Set Model	10del						
Comparison	Configuration model: Athabasca Layo	ŧ							
Facility Name   Facility   Status   Schools	Facilities Reservoirs		_₹ 			nm		# Unscheduled: Wellx 94	Facilities:
PLAT 0   Facility   State	Facilities and Wells	[	Ц.	Facility	Name	Facility Type	Status	Schedule	
PLAT 02   Facility   Unachoulded   Unachou	Ē		亘	LAT 01		Facility	Scheduled	Tameo Workgroup	
PLAT 03   Facility   Uncachecled   Uncache	E		二	LAT 02		Facility	Unscheduled		
Plant	E		리	LAT 03		Facility	Unscheduled		
Well P0401	E		置	LAT 04		Facility	Unscheduled		
Well P04.02			3	/ell P04-01		Production Well	Unscheduled		
Well Plated			3	ell P04-02		Production Well	Unscheduled		
Well P04-06	50 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3	'ell P04-03		Water Injection Well	Unscheduled		
Well P04-05			3	'ell P04-04		Production Well	Unscheduled		
Well P04-06   Well P04-06   Water Infection Well   Unscheduled   Water Infection Well   Wat	4T Well P04-05		3	'ell P04-05		Production Well	Unscheduled		
Well P04-07   Well P04-07   Water Infection Well   Unscheduled   Well P04-08   Well P04-08   Production Well   Unscheduled   Well P04-19   Well P04-19   Well P04-19   Well P04-10   Well P04-11   Well P04-11   Well P04-11   Well P04-11   Well P04-12   Well P04-13   Well P04-13   Well P04-14   Well P04-15   W	1-4		<u></u>	'ell P04-06		Water Injection Well	Unscheduled		
Well P04-09   Well P04-10   Poduction Well   Unscheduled   Well P04-10			3	'ell P04-07		Water Injection Well	Unscheduled		
Well P04-09   Well P04-09   Well P04-09   Well P04-10   Poduction Well   Unscheduled   Well P04-11   Well P04-11   Well P04-11   Well P04-12   Well P04-12   Well P04-13   Well P04-13   Well P04-13   Well P04-13   Well P04-13   Well P04-14   Production Well   Unscheduled   Unscheduled   Well P04-15   Well P0	10-10-0 May 10-0-10-0		≯	ell P04-08		Production Well	Unscheduled		
Well P0410         Well P0410         Production Well         Unscheduled           1 Well P0411         Well P0412         Water Injection Well         Unscheduled           1 Well P0413         Well P0413         Production Well         Unscheduled           1 Well P0414         Well P0415         Production Well         Unscheduled           1 Well P0415         Well P0416         Well P0416         Well P0416           2 Well P0416         Well P0416         Well P0416         Well P0416           3 Well P0416         Well P0416         Well P0416         Well P0416           4 Well P0416         Well P0416         Well P0416         Well P0416           5 Well P0416         Well P0416         Well P0416         Well P0416           6 Well P0416         Well P0416         Well P0416         Well P0416           6 Well P0416         Well P0416         Well P0416         Well P0416           6 Well P0416         Well P0416         Well P0416         Well P0416           6 Well P0416         Well P0416         Well P0416         Well P0416           6 Well P0416         Well P0416         Well P0416         Well P0416           6 Well P0416         Well P0416         Well P0416         Well P0416           6	90-10 in 10		3	'ell P04-09		Production Well	Unscheduled		
Well P04-11   Well P04-12   Water Infection Well   Unscheduled   Water Infection Well   Unscheduled   Water Infection Well   Unscheduled   Well P04-12   Water Infection Well   Unscheduled   Well P04-15   Well P04-15   Production Well   Unscheduled   Well P04-15   Well P04-15   Water Infection Well   Unscheduled   Well P04-15   Well P04-15   Water Infection Well   Unscheduled   Unscheduled   Well P04-15   Well P04-15   Water Infection Well   Unscheduled   Well P04-15   Well P04-1			3	ell P04-10		Production Well	Unscheduled		
Well P04-12         Well P04-12         Water Injection Well         Unscheduled           Well P04-13         Well P04-13         Production Well         Unscheduled           Well P04-14         Woll P04-14         Production Well         Unscheduled           Well P04-15         Well P04-15         Well P04-16         Well P04-16           Well P04-15         Well P04-16         Well P04-16         Well P04-16           Well P04-16         Well P04-16         Well P04-16         Well P04-16			3	'ell P04-11		Production Well	Unscheduled		-
Well P04-13   Well P04-13   Well P04-13   Well P04-13   Well P04-14   Production Well   Unscheduled   Unscheduled   Well P04-15   Well P04-1			≩	ell P04-12		Water Injection Well	Unscheduled		
Well P04-14   Well P04-14   Production Well   Unscheduled   Well P04-15   Well P04-16   Well P04-1			€	ell P04-13		Production Well	Unscheduled		
Well P04-15			`	ell P04-14		Production Well	Unscheduled		
oduction start Well P04-16 Water Injection Well Unscheduled Status: Well P04-16 Water Injection Well Unscheduled Status: Complete P01-15 October 2003  NOT 15 October 2003  Otes  Other Maria Injection Well Unscheduled Unscheduled Status Stat			3	ell P04-15		Production Well	Unscheduled		
oduction start oduction start		F	3	ell P04-16		Water Injection Wel	Unscheduled		
oduction start oduction start oduction start of the set Track  set Track  Luro Sandoval  Luro Sandoval  Rolect start: 1 Dec 2003  L01, 15 October 2003  oles			]	# D04 47					
mon production start Status: Complete Arturo Sandoval 13.01, 15 October 2003 Notes	Slobal Parameters								
East Track Arturo Sandoval 13:01, 15 October 2003 Notes	Use common production start:			<b>3</b>					
Arturo Sandoval  13.01, 15 October 2003  Notes  Notes	nformation								
Arturo Sandoval  13.01, 15 October 2003  Notes  Notes									
Arturo Sandoval 13.01, 15 October 2003 Notes  Notes	e name:						Status:	✓ Complete	
13.01, 15 October 2003 Notes							Project start:	1 Dec 2003	
Notes   Cannal   Analis   Labo		_							
)   Cantal   Andir			1		į				
dental brain									1
leave   Secret									Ī
							¥	L	4

Add	to Schedule	
Add:	Facilities to add to Schedule	<b>_</b>
ĺ		
ļ		
	<b>↓</b> Well P02-06	
	<b>♦</b> ↑Well P02-08	
	(1 vveii / 02-00	
To:	New Schedule	
	O Existing Schedule	
	Tamco Workgroup	
	<u>O</u> K <u>C</u> ancel	<u>H</u> elp

Fig. 7

S Peruvian Group Pre-Production Schedule		
T Schedule Parameters		— Italiana Confirm Out
Schedule start: logn m=15 ==20 II days	from Completion of  ▼ Tamco Workgroup Schedule	Order schedule: O Randomly
Drilling Schedule:	from Start of from End of	
Use actual days from Wellbore Planning (if available)		Facility Name Ranking
USA Days per well: [logn m=49 s=7	as date	AT Well PO2.01 1 III
Well Completion Schedule:		41 Well P02:02 2 EM
O After drilling each well		Well PD2:03
After drilling all wells		Wel P02:04 4
Delow		5
		Well PUZ:US
Days per well: logn m=15 s=20		Wel P02.07 7 ms.
Facility Installation Schedule:		## 8 80.500 19 14 14 14 14 14 14 14 14 14 14 14 14 14
্রিয়	facilities/ 3 months 🔻	Well P02:10 10
30 112 000		(41 Well P02:11 11 ■
C + of days: [123, 145, 180] [12] days		(4) Well PO2:12 12 ■
Production start:   logn m=15-09-04 s=19   IE   days	es date	Div = Actual drilling days available from Wellbare Planning
Estimated Dates —		
Schedule start: 22 April 2002 based on P50	start Installation end:	15 September 2004 based on P50 ▼ rate
Drilling end 7 August 2004 P90	Production start: 15 September 2004	ber 2004 based on P50 ▼ start
Completion end: 20 August 2004 based on P50	P50 ▼ rate	
r Infomation		
Schedule name: Peruvian Group		Configuration model: Albabasca Laurut 1954
By: Arturo Sandoval		Fast Track
Date: 13:01, 15 October 2003		date:
Notes: Notes		4 [
		QK Cancel Apply Help
		] ]



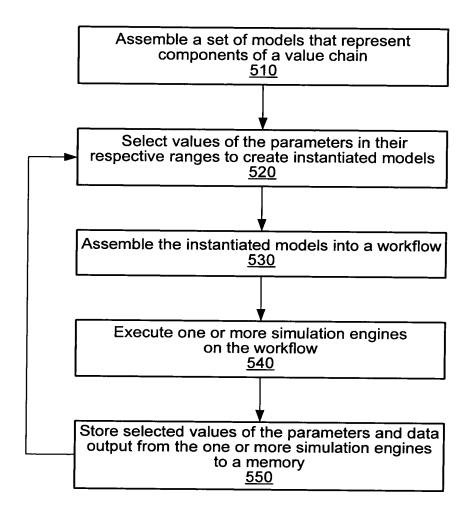


Fig. 10

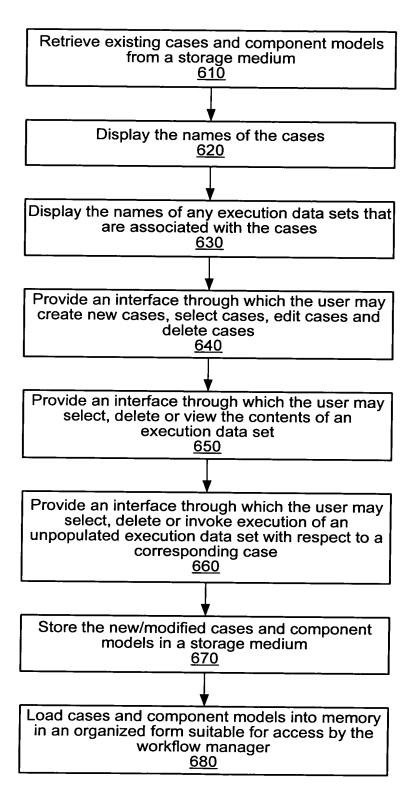


Fig. 11

Fia. 12

The state of the s						
A pour Lu Decisionapare Decision	rianagement system					
Case Edit View Models Window Help						
< 5.		# of Cases; 6   # of Runs; 13	<b>6</b> >∞	ŀ		
Block 10 Decision Workspace — Tertiary A	Case Name	Run Name	Status	Туре	# Iterations	Date
Sim 1	Tertiary A			Case		11:01, 6 Jul 2003
LSim3	Tertiony A	Sim 1	Complete	Sensitivity Analysis	63	13:23, 14 Jul 2003
Sim 1	Tertiary A	Sim 2	Halted	Discrete Combinations	233	12:46, 23 Jul 2003
Sim3	Tertiary A	Sim 3	Complete	Discrete Combinations	215	08:03, 5 Sep 2003
	Tertiary B			Case		13:23, 14 Jul 2003
	Tertiary B	Sim 1	Complete	Stachastic Simulation	38	13:23, 14 Jul 2003
	Terliary B	Sim 2	Complete	Sensitivity Analysis	83	13:23, 14 Jul 2003
	Tertiary B	Sim 3	Defined	Stochastic Simulation	33	09:38, 18 Jul 2003
Sim 3 Run completed (Tertiary A Case	(8)					

Case Manager: Main Screen

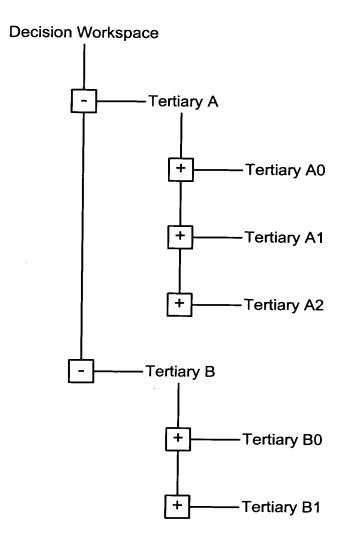


Fig. 13